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FIGURE 1

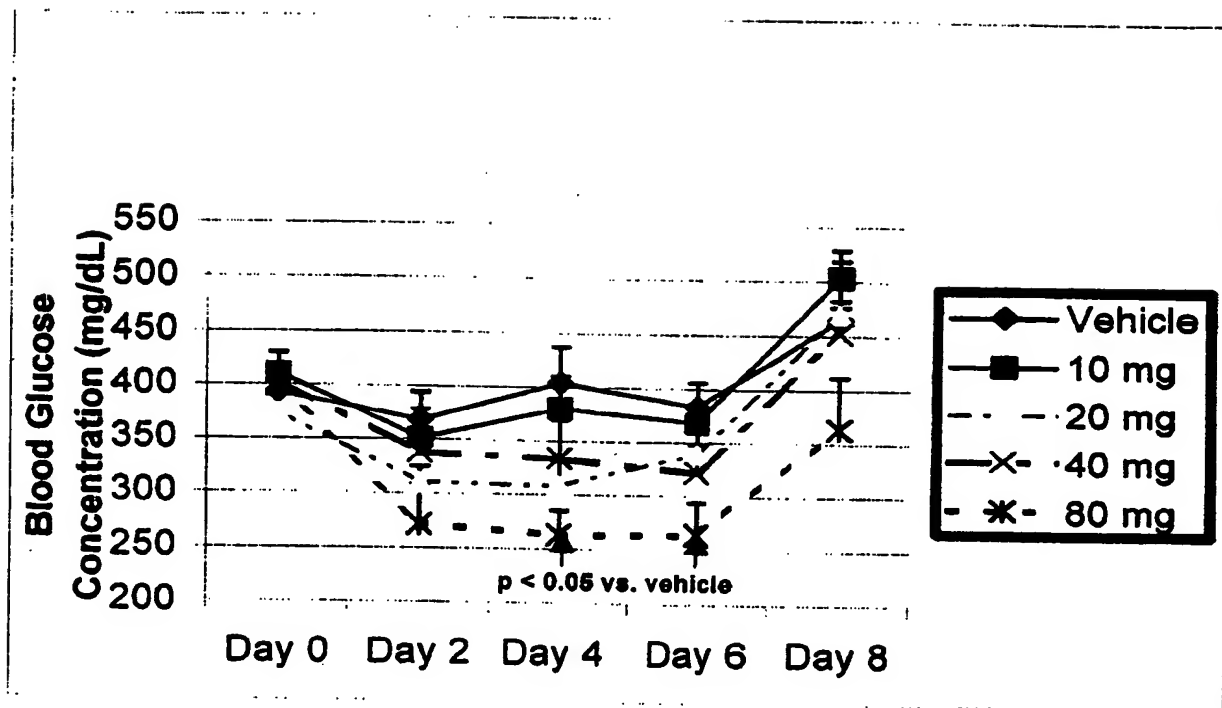
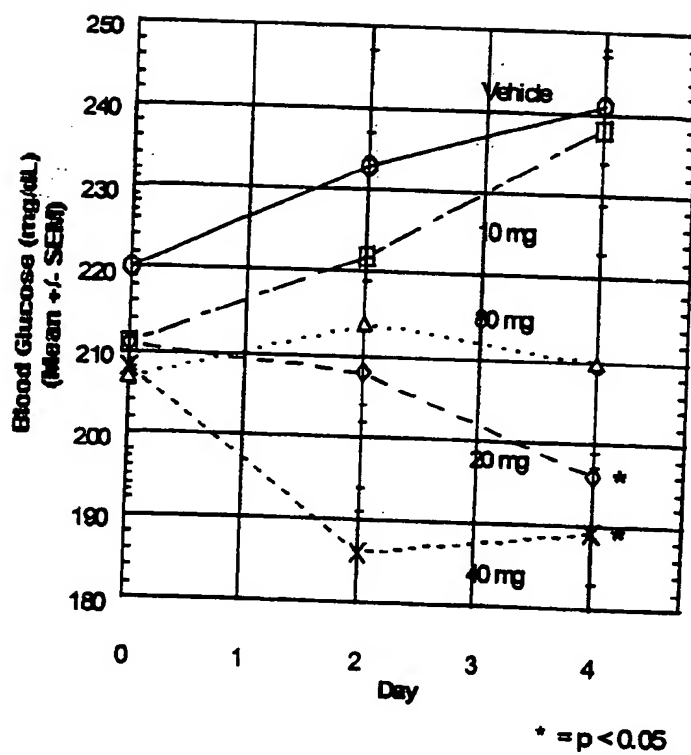


FIGURE 2



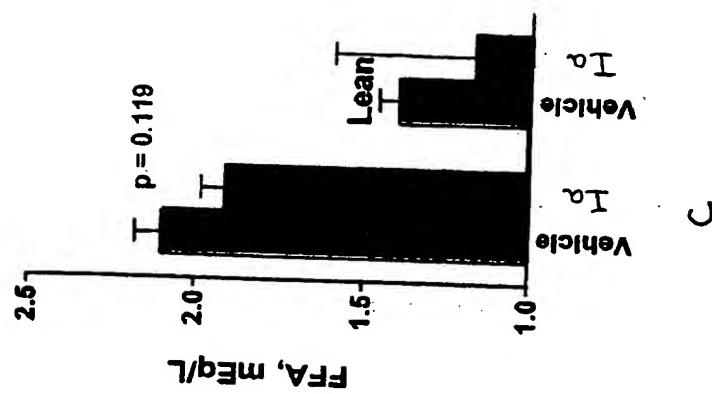
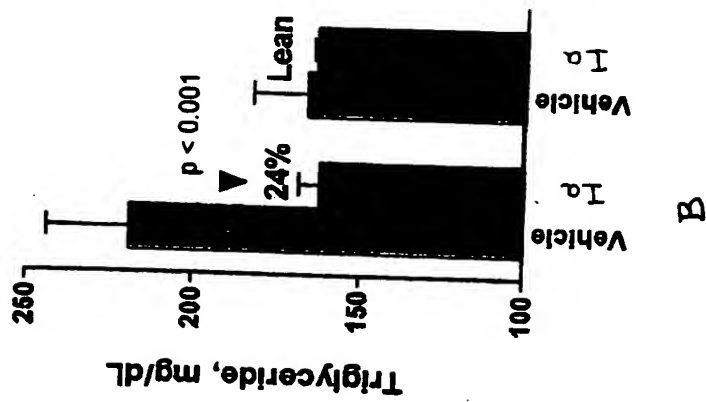
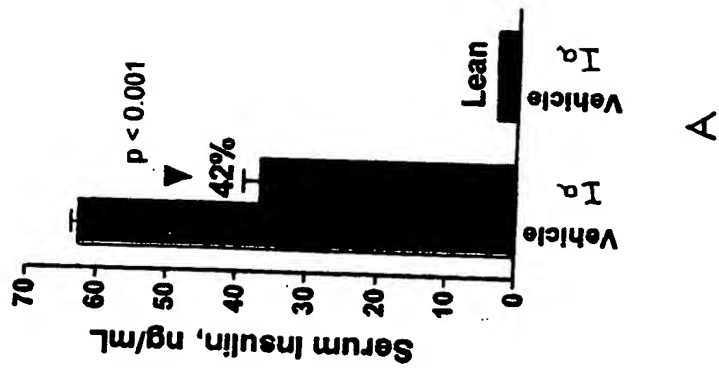


FIGURE 3A, 3B, 3C

FIGURE 4

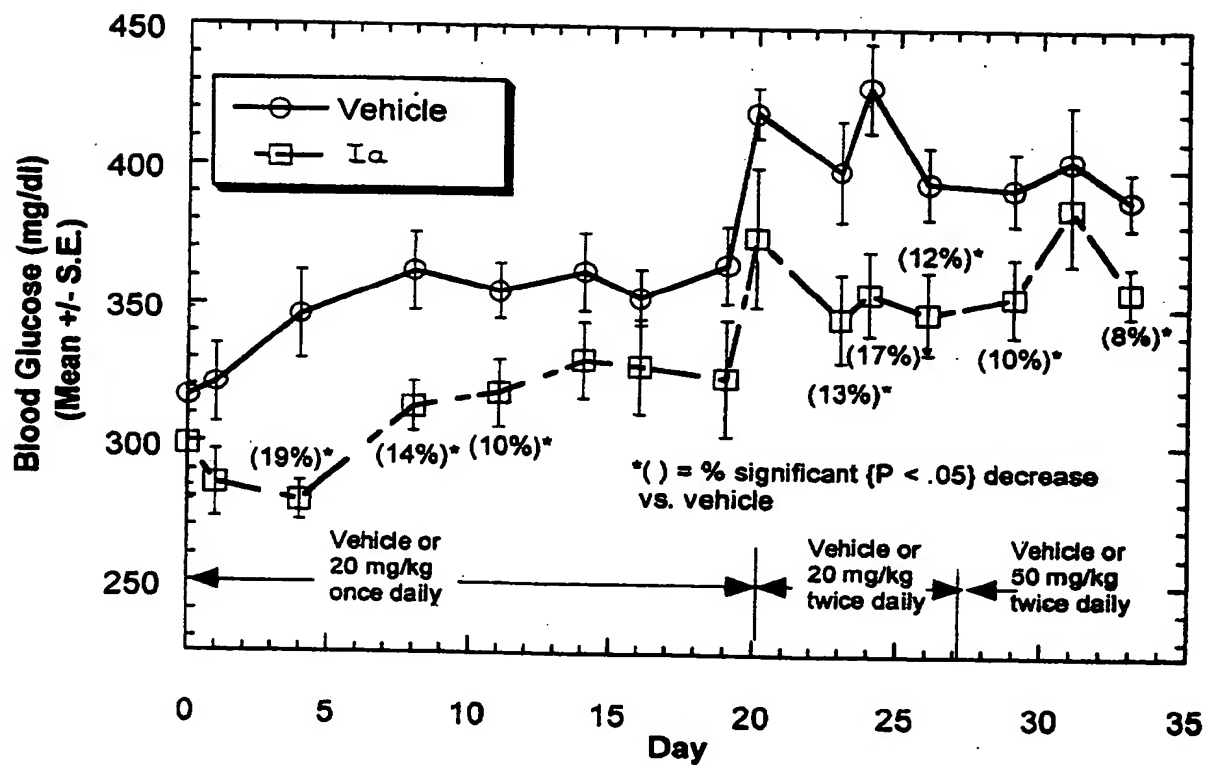


FIGURE 5A, 5B, 5C

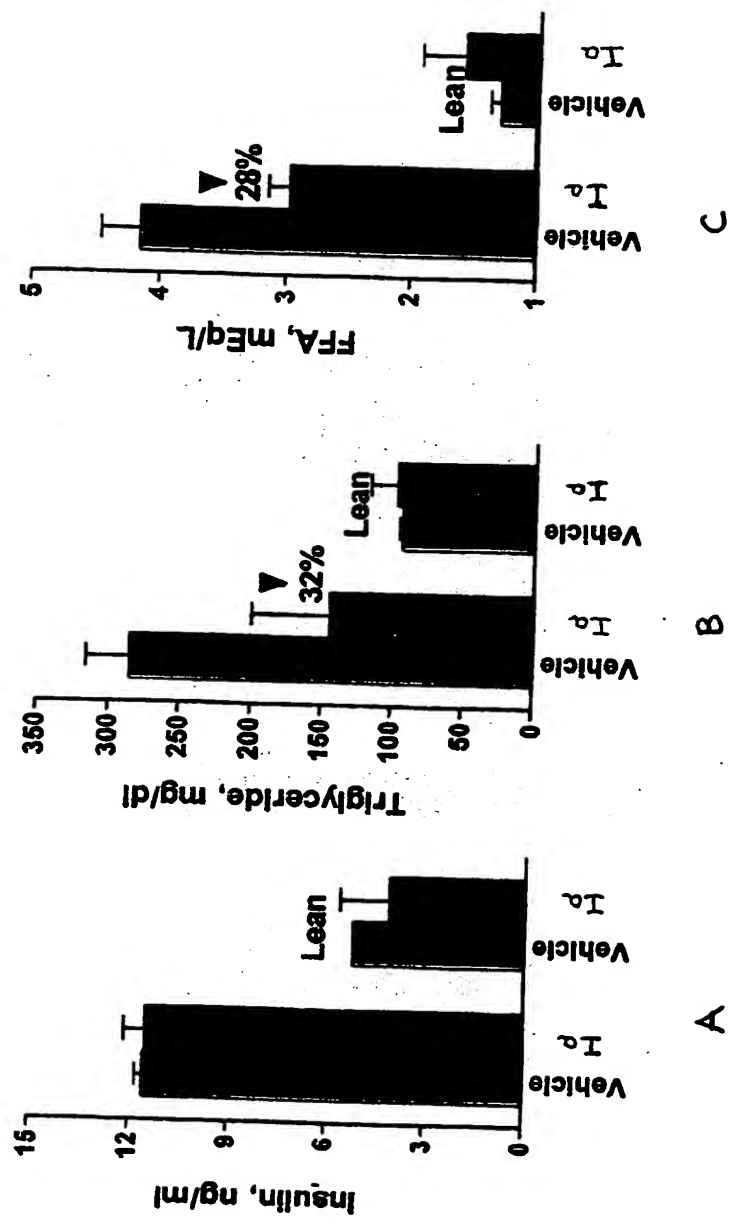


FIGURE 6

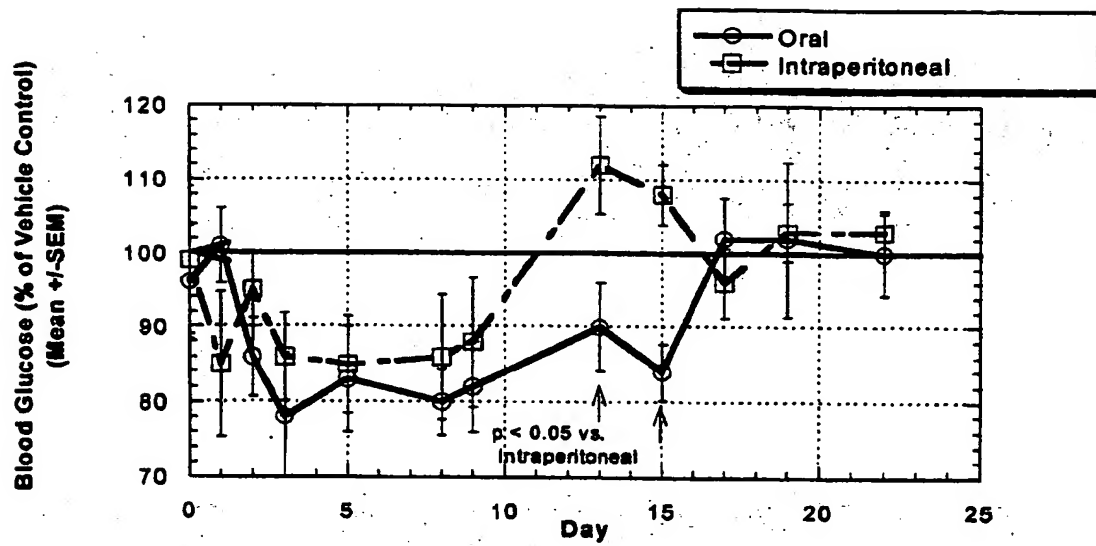


FIGURE 7A, 7B

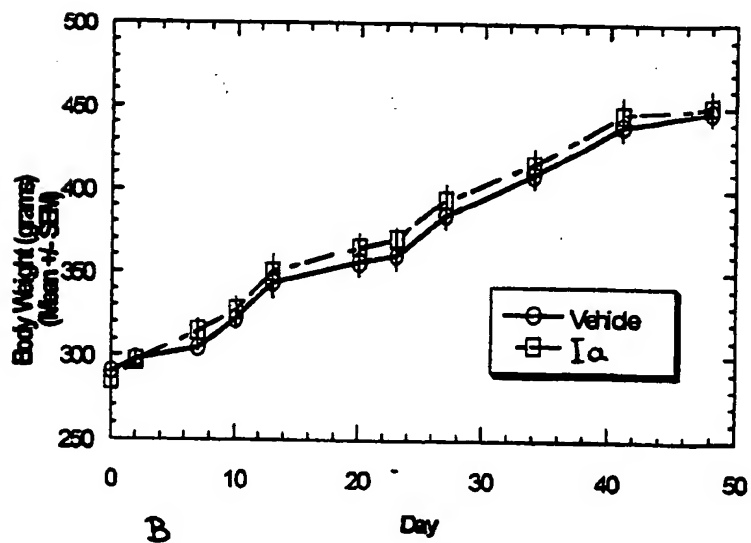
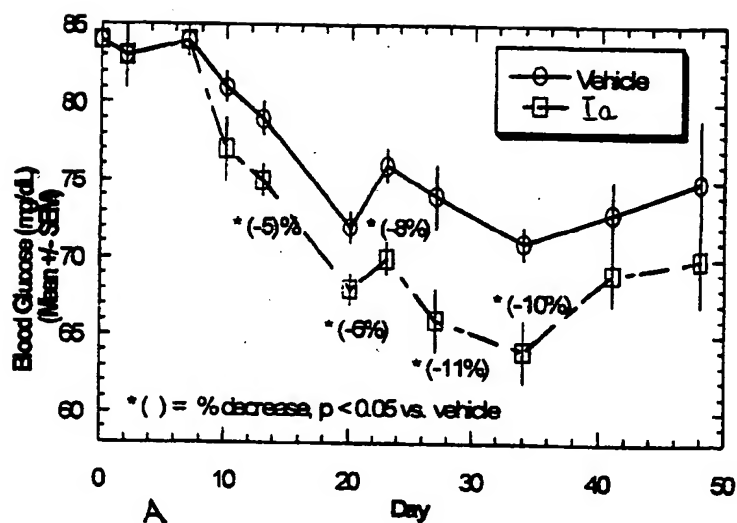
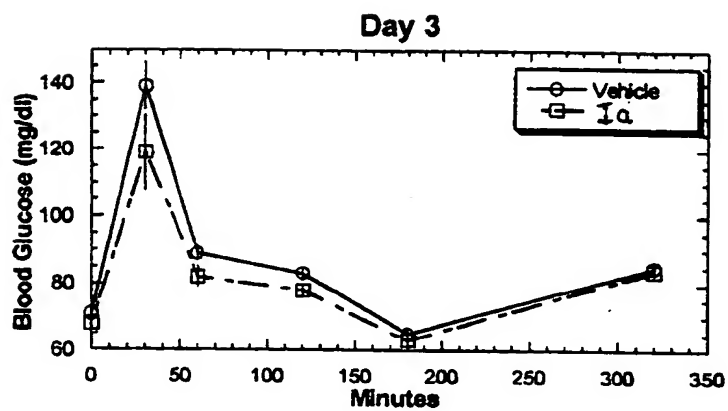
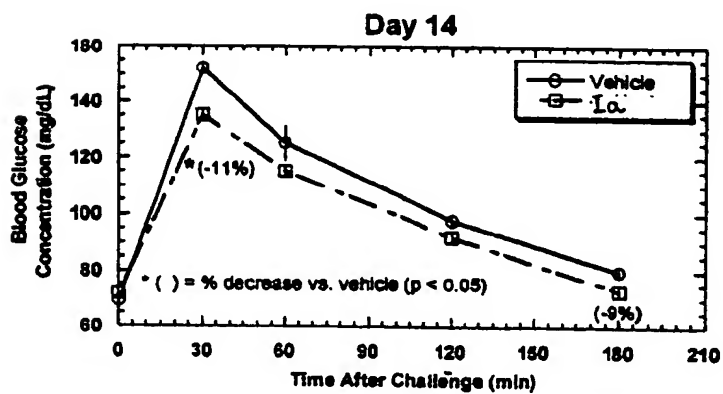


FIGURE 8A, 8B



A



B

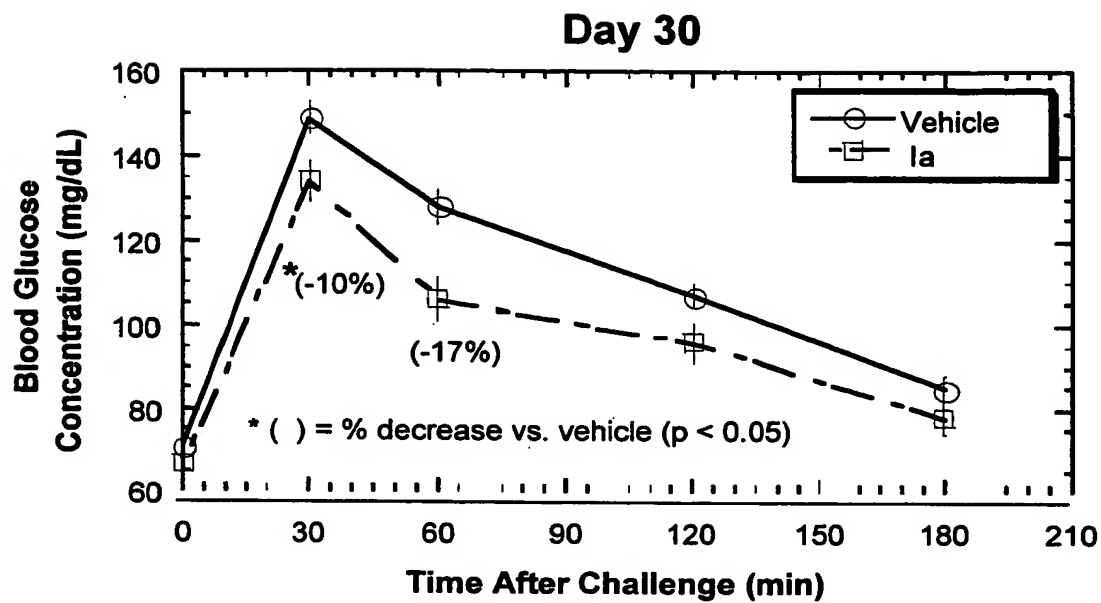


Figure 8C

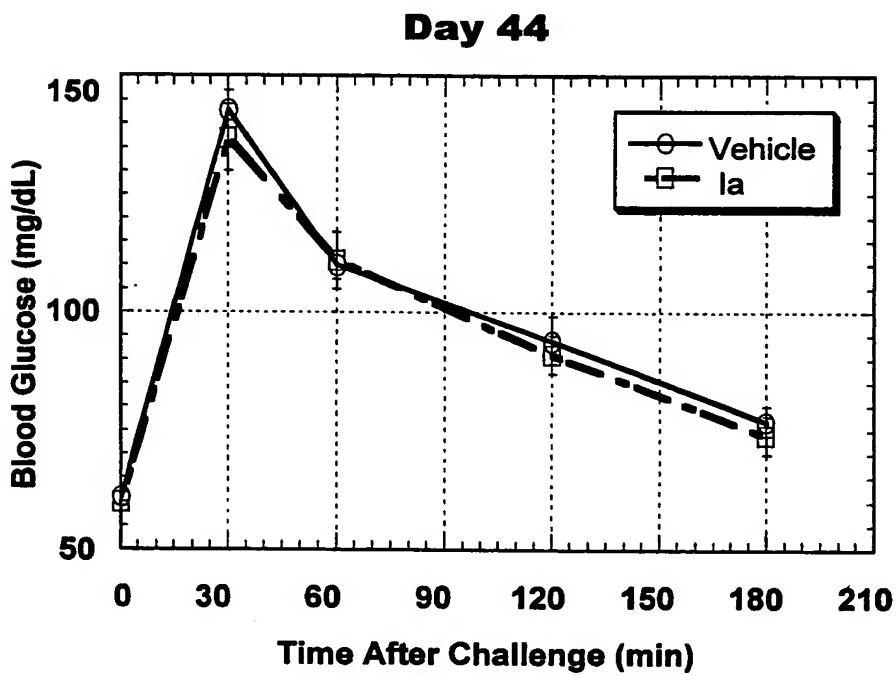
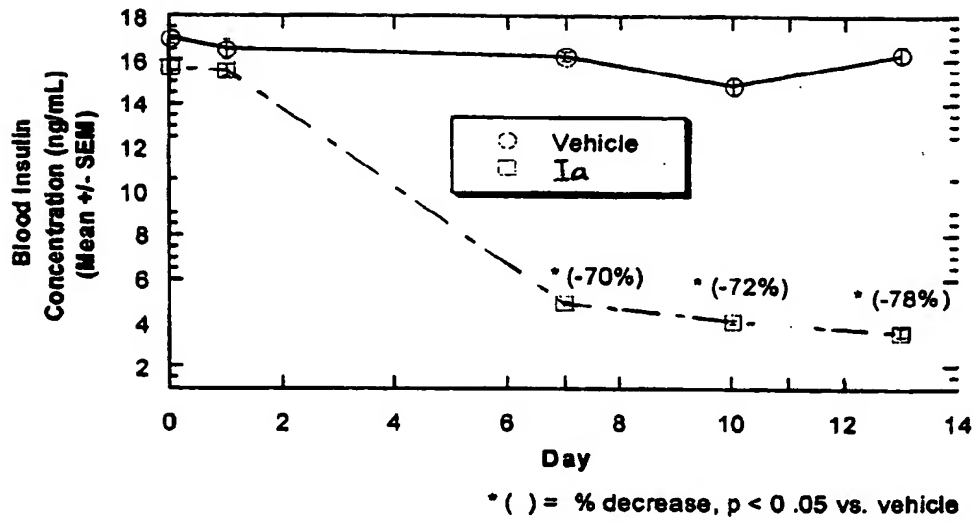


Figure 8D

FIGURE 9A,9B

A



B

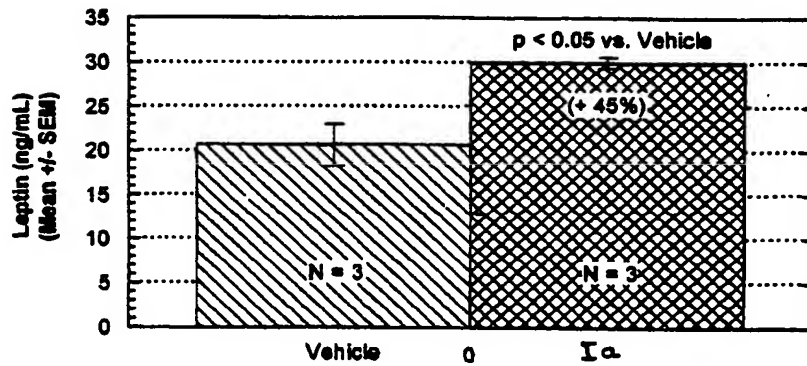
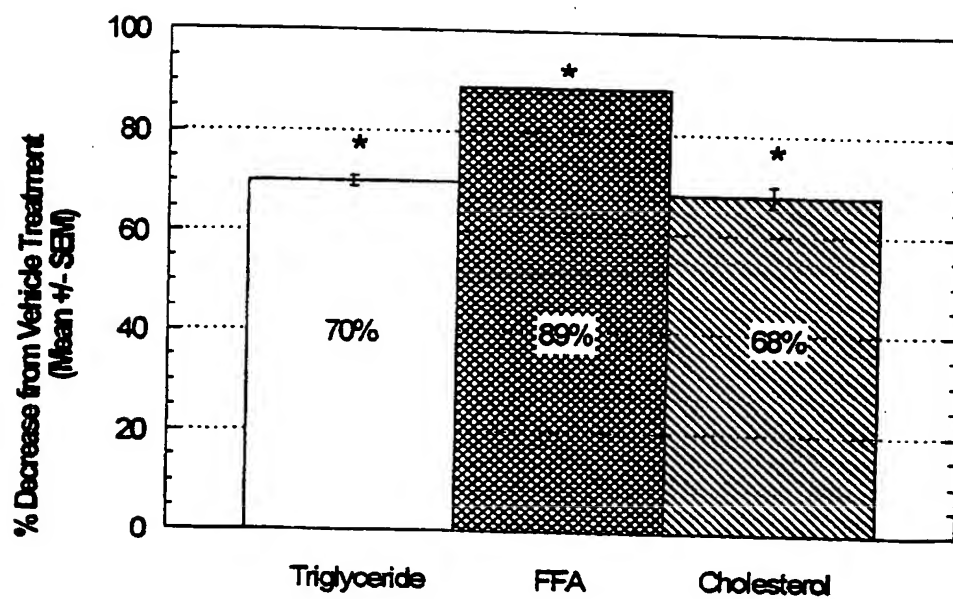


FIGURE 10



* = $p < 0.05$ vs. vehicle

FIGURE 11A, 11B, 11C, 11D

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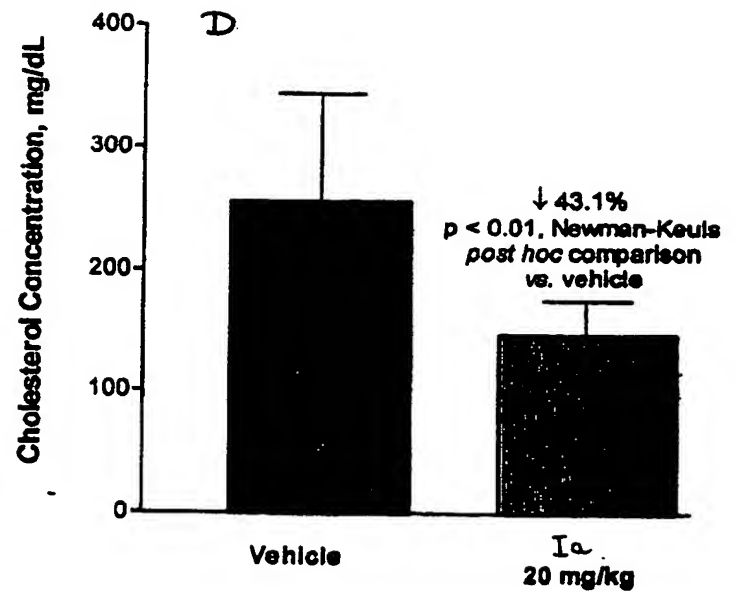
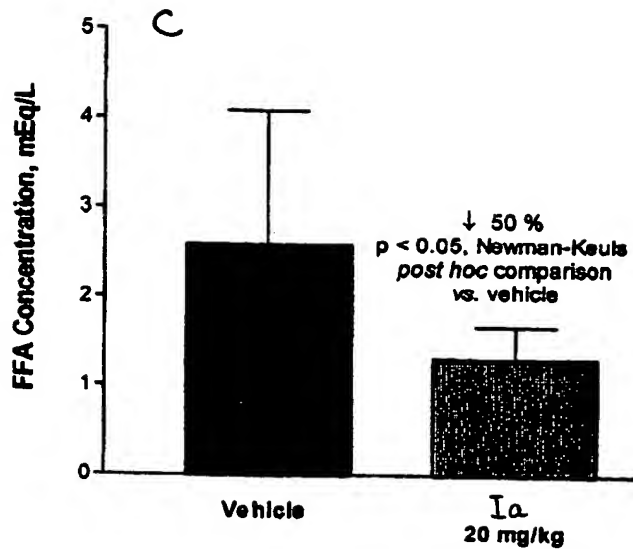
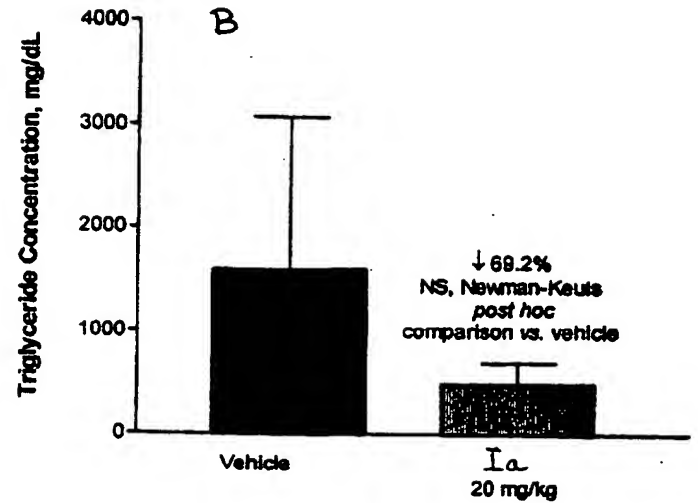
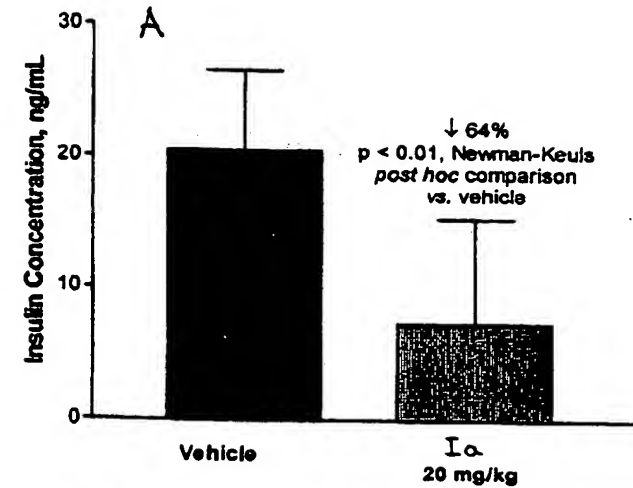


FIGURE 12A, 12B

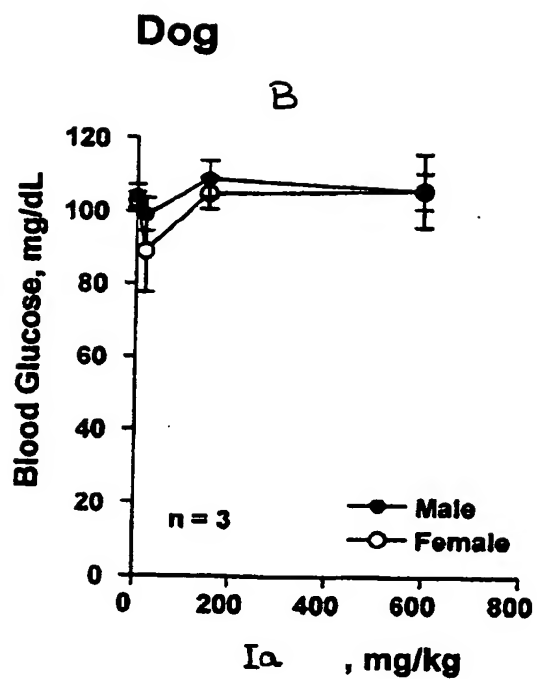
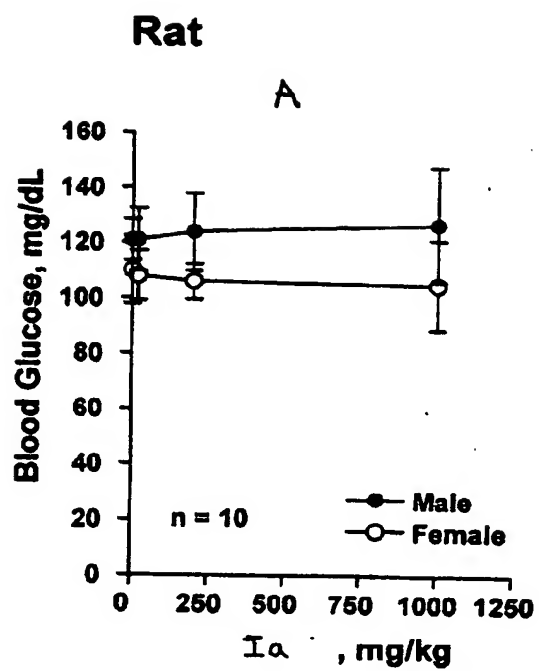
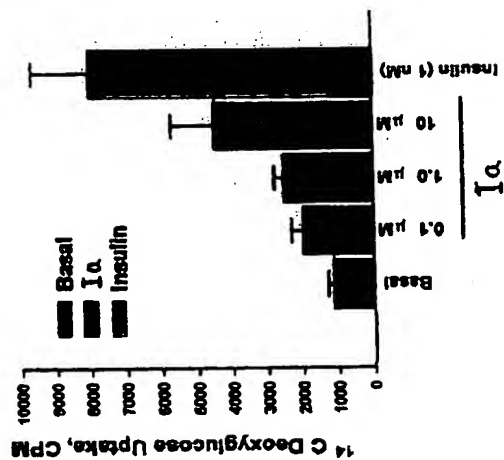


FIGURE 13A, 13B

A. Primary Adipocytes



B. 3T3-L1 Adipocytes

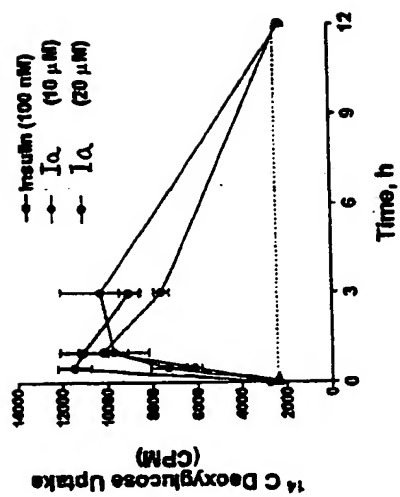
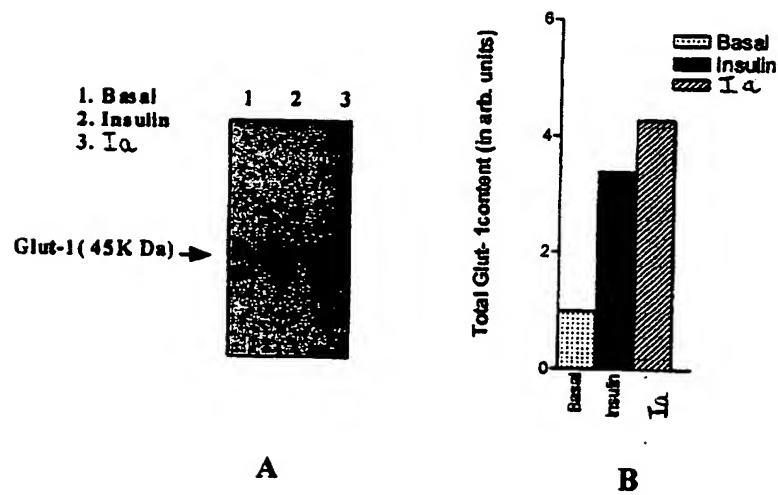
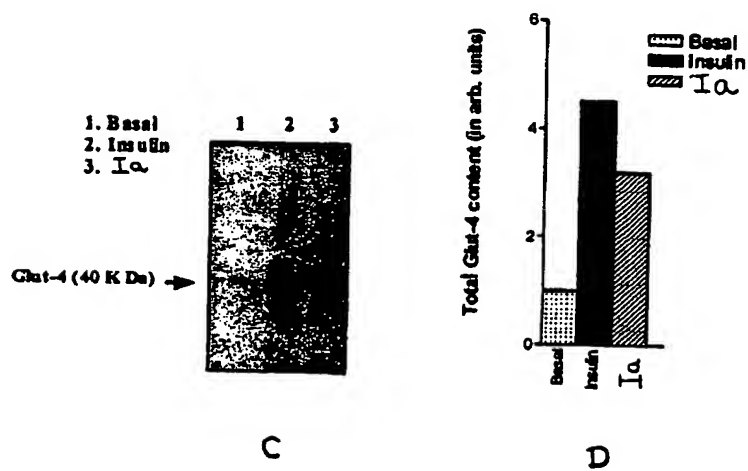


FIGURE 14A, 14B, 14C, 14D

Stimulation of the Levels of 3T3-L1 Adipocyte Glut-1



Stimulation of the Levels of 3T3-L1 Adipocyte Glut-4



Study-1 (500ug/mouse)

Day	Animals alive
0	3
1	3
2	3
3	3
4	3

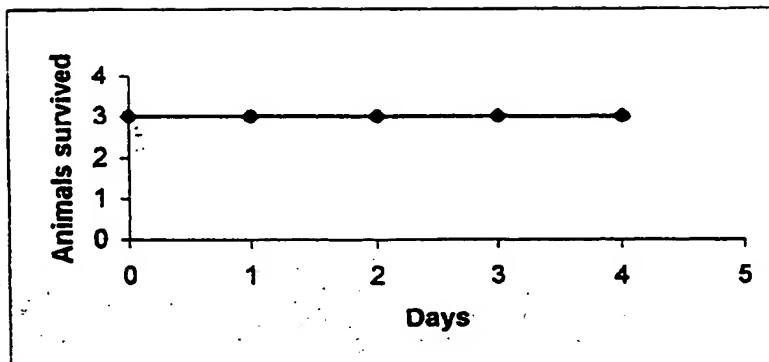


FIG. 15A

Study-2 (5mg/mouse)

Day	Animals alive
0	3
1	3
2	3
3	3
4	3

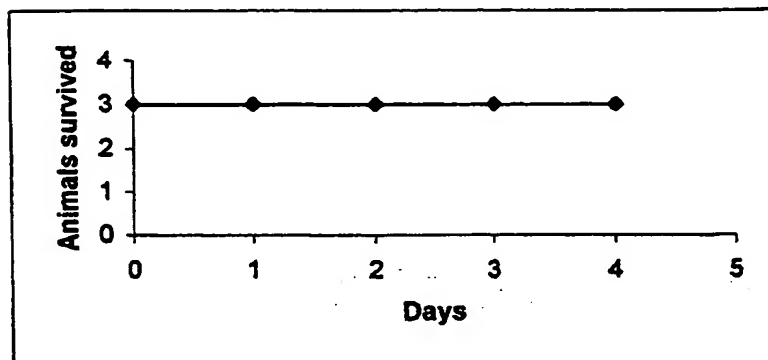


FIG. 15B

Study-3 (10mg/mouse)

Day	Animals alive
0	3
1	3
2	3
3	3
4	3

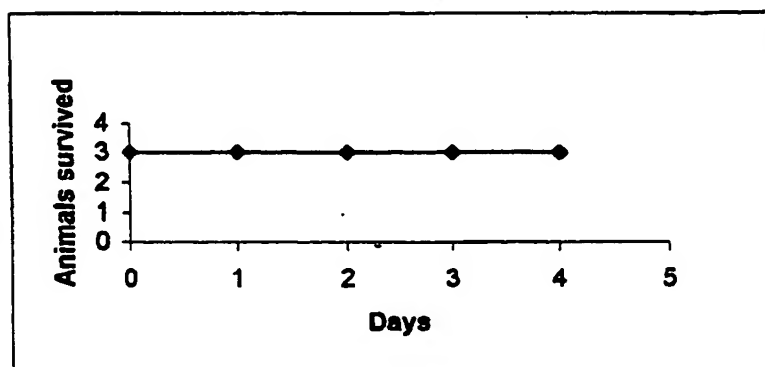


FIG. 15C

FIGURE 16

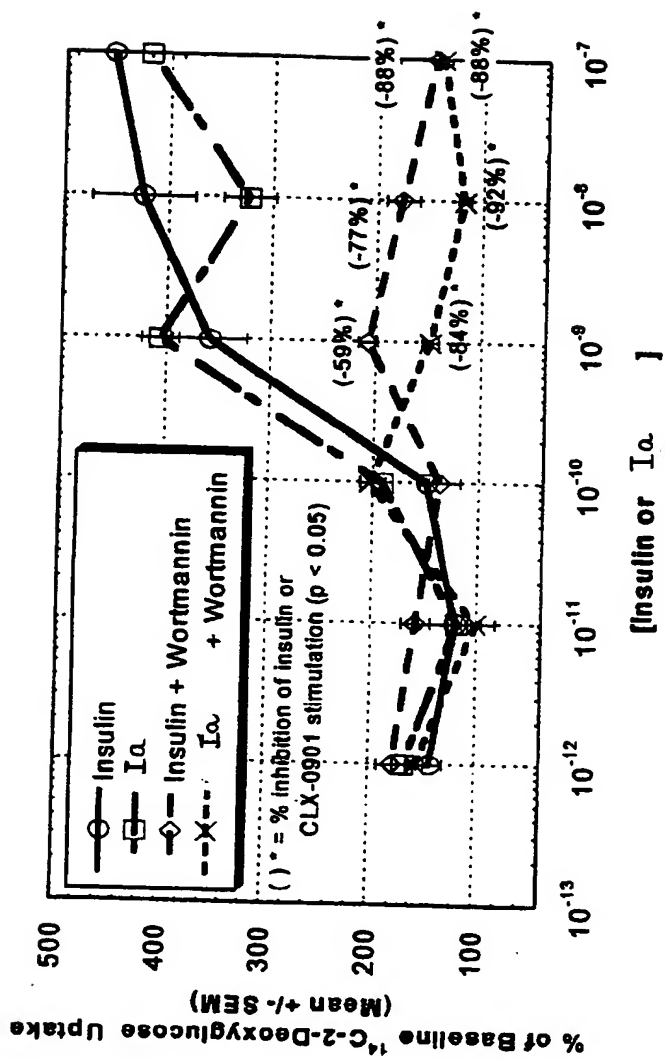


FIGURE 17

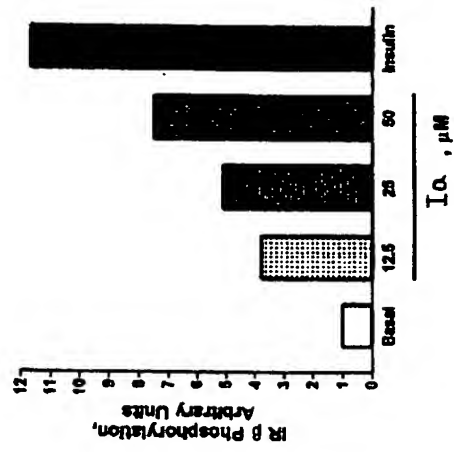


FIGURE 18

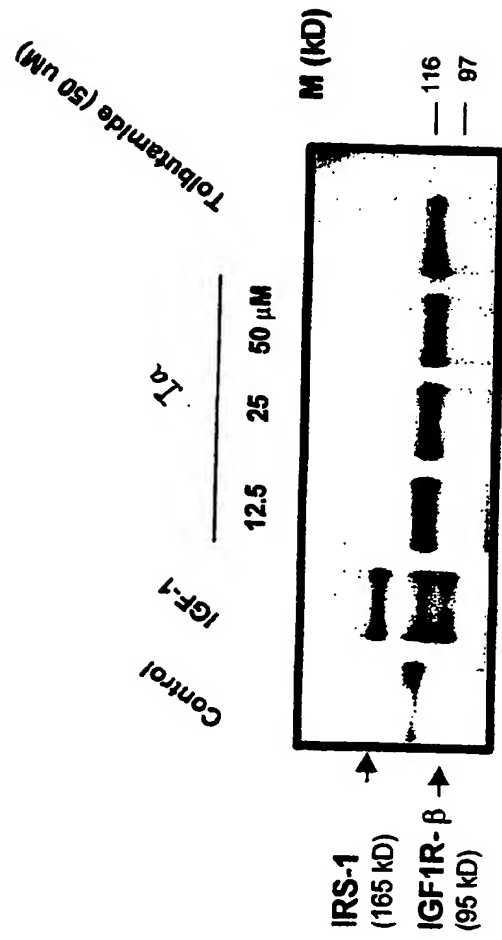


FIGURE 19

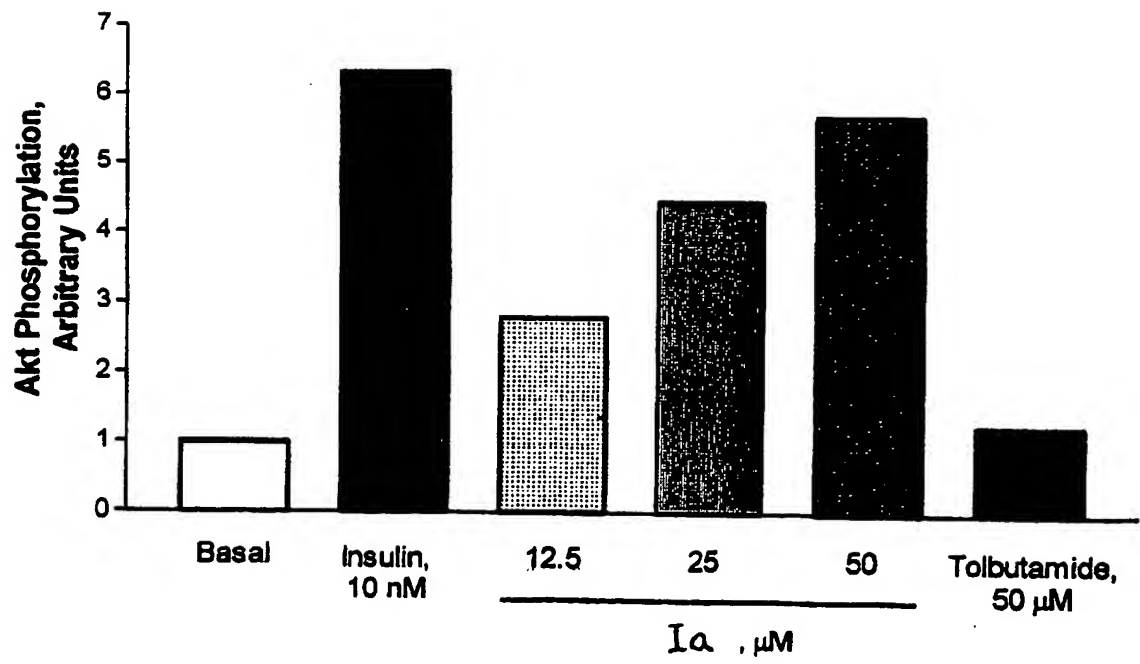


FIGURE 20

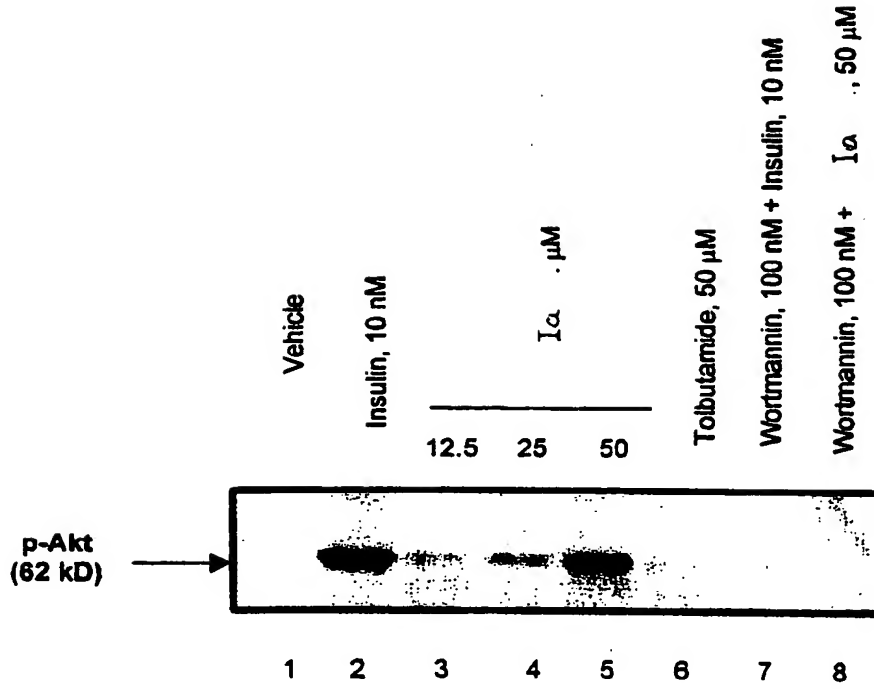


FIGURE 21

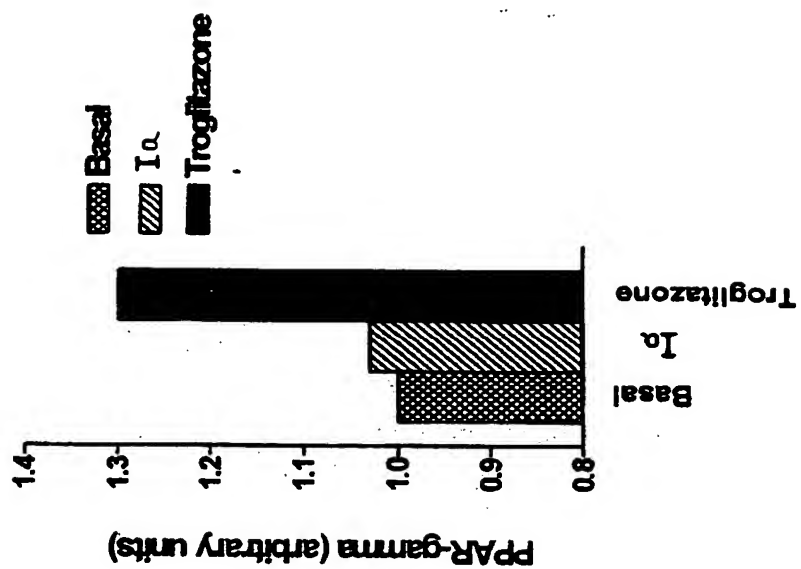


FIGURE 2.2
Summary of studies of binding of $\text{I}\alpha$ to nuclear receptors

PPAR	Binding Assay	Cofactor Association		Transactivation
	IC_{50} (μM)	EC_{50} (μM)	EC_{50} (μM)	
PPAR- α (human)	> 50	> 50		No activity
PPAR- α (mouse)	---	---		No activity
PPAR- γ (human)	> 50	> 50		No activity
PPAR- δ (human)	> 50	---	---	---

FIGURE 23

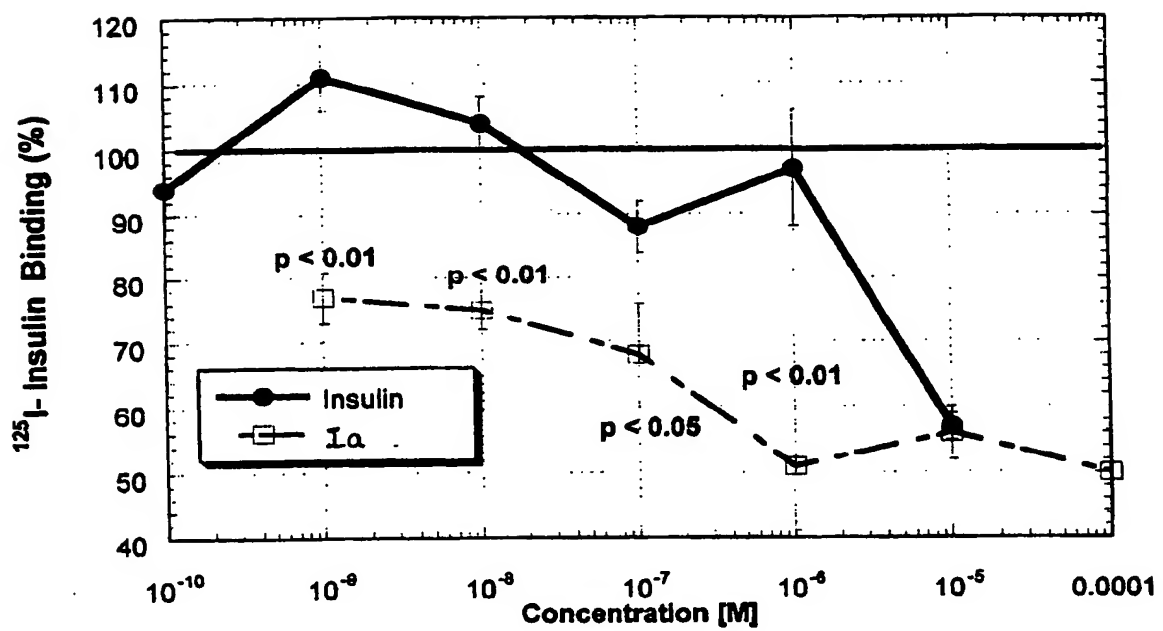


FIGURE 24A,248
E and Z stimulate rapid glucose uptake in rat adipocytes

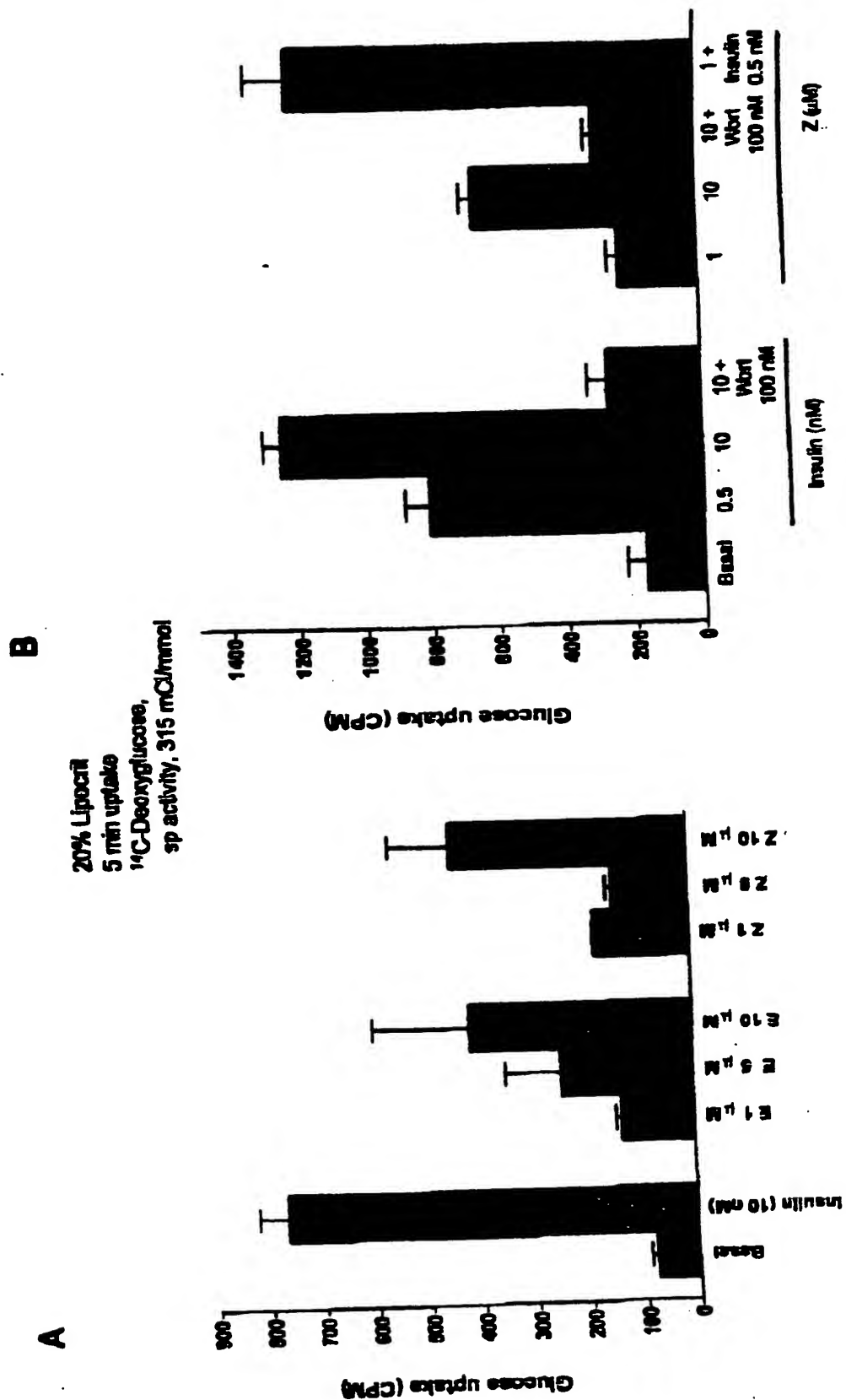


FIGURE 25

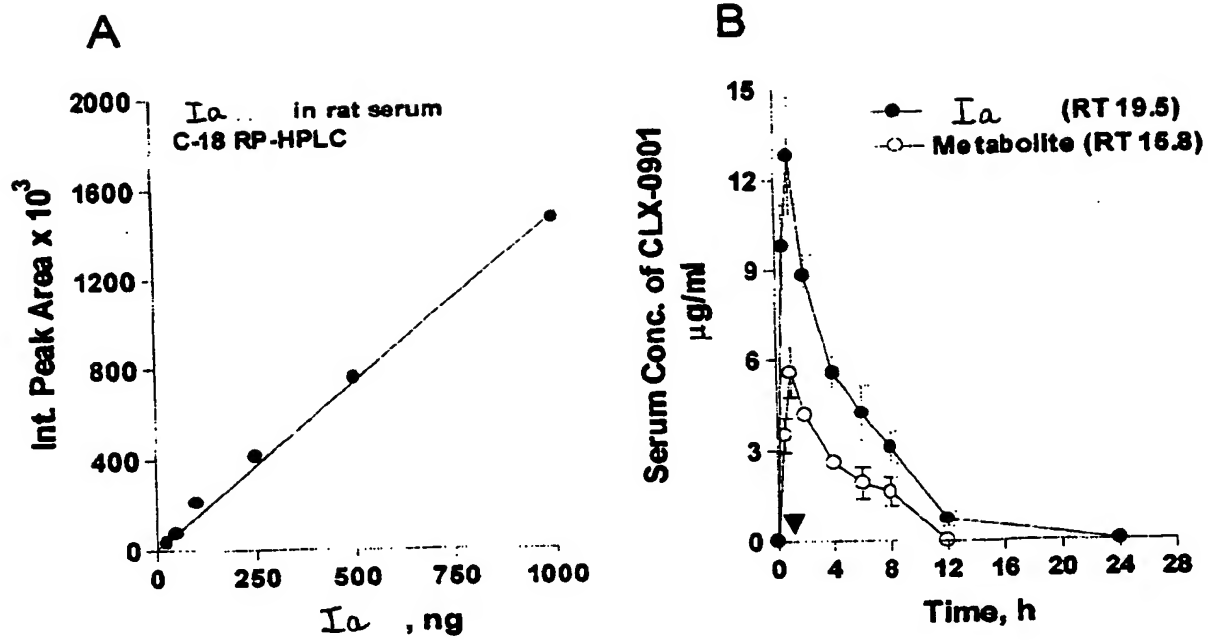


FIGURE 26

Summary of toxicology studies of Ia

STUDY	STATUS	FINDINGS
Ames mutagenicity (with and without metabolic activation)	complete	No significant toxicity
Acute (single-dose) study, rats	Complete	No significant toxicity
28-Day study, rats Doses: 20, 200, 1000 mg/kg	Complete	No significant toxicity
Cardiovascular study, dogs	Complete	No significant toxicity
Dose range-finding study, dogs Doses: 100, 200, 400, 1000 mg/kg	Complete	No significant toxicity
28-Day study, dogs Doses: 20, 150, 600 mg/kg	Complete	No significant toxicity